

new conduit will continue to allow the passage of fish.

2. Fawn Lake Forest Water Company D-31-61 CP Renewal 3

An application for the renewal of a ground water withdrawal project to supply up to 4.5 million gallons (mg)/30 days of water to the applicant's distribution system from Well Nos. 1, 2, 3, 4 and 5. Commission approval on May 20, 1992 was limited to five years. The applicant requests that the total withdrawal from all wells remain limited to 4.5 mg/30 days. The project is located in Lackawaxen Township, Pike County, Pennsylvania.

3. Borough of Allentown D-89-32 CP Renewal

An application for the renewal of a ground water withdrawal project to supply up to 9 mg/30 days of water to the applicant's distribution system from Well Nos. 1 and 2. Commission approval on June 28, 1989 was limited to seven years. The applicant requests that the total withdrawal from all wells remain limited to 9 mg/30 days. The project is located in Allentown Borough, Monmouth County, New Jersey.

4. Elastimold, Inc. D-95-54

An application for approval of an increase in ground water withdrawal to supply up to 5.83 mg/30 days of water to the applicant's industrial facility from existing Well No. 3, and to limit the withdrawal to 5.83 mg/30 days. The project is located in Washington Township, Morris County, New Jersey.

5. Jefferson Township Sewer Authority D-97-6 CP

A project to construct a 410,000 gallons per day (gpd) sewage treatment plant (STP) to serve communities throughout Jefferson Township, Lackawanna County, Pennsylvania; including Mount Cobb, Moosic Lakes and Lake Spangenberg, and the residential developments of Happy Acres, Belair Acres, Floral Estates, Jefferson Heights and High View Terrace. The STP will provide tertiary treatment prior to discharge to an unnamed tributary of the West Branch Lake Wallenpaupack Creek. The STP will be situated approximately 1,000 feet south of State Route 348 and just east of Mount Cobb in Jefferson Township. An importation of wastewater of approximately 21,000 gpd is projected from the Happy Acres service area which is located in the Lackawanna River Basin.

Documents relating to these items may be examined at the Commission's offices. Preliminary dockets are

available in single copies upon request. Please contact Thomas L. Brand concerning docket-related questions. Persons wishing to testify at this hearing are requested to register with the Secretary prior to the hearing.

Other Scheduled Hearings

By earlier notice, the Commission announced its schedule of public hearings on proposed amendments to its Ground Water Protected Area Regulations for Southeastern Pennsylvania concerning the establishment of numerical ground water withdrawal limits for subbasins in the protected area. The proposed limits, based upon hydrologic budget analyses, would initially be specified for the 14 subbasins in the Neshaminy Creek Basin. Limits for the remaining 52 subbasins within the protected area would be developed upon completion of additional hydrologic budget analyses scheduled to be completed late in 1997.

The public hearings are scheduled as follows:

June 24, 1997 beginning at 3:00 p.m. and continuing until 5:00 p.m., as long as there are people present wishing to testify. The hearing will resume at 7:00 p.m. and continue until 9:00 p.m., as long as there are people present wishing to testify. The hearings will be held in the Goddard Conference Room of the Commission's offices at 25 State Police Drive, West Trenton, New Jersey.

Copies of the full text of the proposed amendments as well as the Commission's Ground Water Protected Area Regulations for Southeastern Pennsylvania may be obtained by contacting Susan M. Weisman, Commission Secretary, at (609) 883-9500 ext. 203.

Persons wishing to testify are requested to notify the Secretary in advance. Written comments on the proposed amendments should be submitted to the Secretary at the Delaware River Basin Commission, P.O. Box 7360, West Trenton, New Jersey 08628.

Dated: June 10, 1997.

Susan M. Weisman,
Secretary.

[FR Doc. 97-15971 Filed 6-17-97; 8:45 am]

BILLING CODE 6380-01-P

DEPARTMENT OF ENERGY

Office of Environment, Safety and Health; Notice of Availability of Funds and Request for Applications for Radiation Health Effects Studies in the Russian Federation

AGENCY: Office of Environment, Safety and Health, DOE.

ACTION: Notice of availability of funds and request for applications.

SUMMARY: The Office of International Health Programs, Office of Health Studies, U.S. Department of Energy (DOE), announces that it is accepting applications for cooperative agreements to support population-based studies on low dose-rate radiation health effects in the Russian Federation. This Notice is issued subsequent to the more general Continuation of Solicitation for Epidemiology and Other Health Studies Financial Assistance Program published in the *Federal Register* (61 FR 53903) on October 16, 1996.

DATES: The deadline for receipt of formal applications is September 16, 1997.

ADDRESSES: U.S. Department of Energy, Office of International Health Programs, EH-63/270CC, 19901 Germantown Road, Germantown, Maryland 20874-1290

FOR FURTHER INFORMATION CONTACT: Requests for further information and application forms may be directed to Dr. Ruth Neta, Office of International Health Programs (EH-63), U.S. Department of Energy, telephone: (301) 903-1757; facsimile: (301) 903-1413. Applications may be submitted to Dr. Neta at the above address.

SUPPLEMENTARY INFORMATION:

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- I. Purpose
- II. Background
- III. Project Description
- IV. Applications
- V. DOE's Policy on Protection of Human Subjects Reviews
- VI. Applicants
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I. Purpose

The Office of International Health Programs funds, in partnership with the Russian Federation, epidemiologic studies of cohorts of workers and populations to evaluate the health consequences (cancer and other diseases) of exposure to low-dose rate ionizing radiation. These ongoing studies are coordinated through the Joint Coordinating Committee for Radiation Effects Research (JCCRER). Section II ("Background") below

- Institute of Marine Transport Hygiene, St. Petersburg; and
- Institute of Metal Physics, Katerinburg.

II. Project Description

A. Description of Cohorts

Two different epidemiologic research directions currently are supported by the JCCRER: studies of populations who live near the Techa River and studies of workers at the MAYAK facility.

1. Techa River Population Cohort

The liquid discharges to the Techa River from the MAYAK operational facility (due to inadequate storage of radioactive waste) occurred from 1949–56, with 95 percent released in an 18-month period (March 1950 to November 1951), for a total release of about 3 million Ci.

The cohort registry consists of individuals born in 1949 or earlier, who lived for at least one (1) month during 1950 to 1952 in the villages along the Techa River. The cohort includes 28,000 individuals, about 20 percent of which have been estimated to have had average effective doses of exposure of more than 0.5 sievert (Sv). Thirty percent of the cohort members were 0 to 14 years old the time of exposure.

The external exposure was due from contaminated sediments in the river; the internal exposure (measured by whole body counts and conducted for half of the members of the cohort) was mainly due to intake of river water and milk and included Sr 89, 90, and Cs 137.

Published reports indicate a statistically significant increase in leukemia in the exposed versus control populations. Other cancers, including stomach, esophagus, and lung were also studied, but the results have not been conclusive.

2. MAYAK Workers Cohort

The computerized registry of 19,000 MAYAK workers contains: occupational histories, vital status, current place of residence or date and causes of death, annual and cumulative data doses, plutonium body burdens, and internal doses to the main organs (lungs, liver and bone marrow). In this cohort, 14,000 have known vital status; 4,000 are dead; 1,000 died of cancer; and more than 4,000 have known plutonium body burdens. The average value of the equivalent dose to the lung for all workers with measured plutonium (Pu 239) body burden of 7.06 Sv, with internal gamma doses of 0.88 gray (Gy) for all workers included in the registry. Radiation doses decreased significantly with time, for example:

Years hired	Average exposure
1948–53	1.57 Gy.
1954–58	0.57 Gy.
1959–63	0.27 Gy.
1964–72	0.15 Gy.

More than 1,800 occupational diseases were diagnosed by 1959, 92 percent of which were noted between 1949 and 1953. Eighty-three percent of these were diagnosed as "chronic radiation sickness" caused by radiation exposures of 1 to 10 Gy. Forty-one cases were diagnosed as "acute radiation syndrome," four of which were fatal. Burns and other local radiation injury were reported for 188 workers. In addition, 110 cases of pneumosclerosis (66 in individuals whose internal lung exposure exceeded 4.0 Gy) were diagnosed.

B. JCCRER Directions

The JCCRER has initiated projects to study the Techa and MAYAK cohorts called Directions. Direction 1 studies the Techa population and Direction 2 studies the MAYAK workers. These projects are jointly conducted by both U.S. and Russian principal investigators and their respective teams of researchers, and are summarized below.

Direction 1: "Medical Aspects of Radiation Exposure Effects on Population"

Project 1.1, "Dose Reconstruction for the Population Subjected to Radiation in the Urals"

Objectives: To reconstruct, validate and analyze data on individual radiation doses received by the population so that these can be used in studies assessing the risks of developing cancer in exposed populations.

Project 1.2, "Risk Estimation of the Carcinogenic Effects in the Population Residing in the Region of the Industrial Association "MAYAK"

Objectives: To conduct studies to determine the risk of cancer in population groups exposed to radioactive contaminants in the region, to characterize the quality and validity of the data for conducting such studies, and to preserve the existing data using modern technologies.

Direction 2: "Medical Consequences of Occupational Exposure to Radiation"

Project 2.1, "Metabolism and Dosimetry of Plutonium Industrial Compounds"

Objectives: To conduct a joint analysis of the data collected by the U.S. Transuranium and Uranium Registry (USTUR) and the dosimetry registry at

MAYAK on deceased people with occupational exposure to radiation. The results would be useful for validating and improving radiation protection standards.

Project 2.2, "Risk Estimation for Cancerous Effects of Occupational Exposure"

Objectives: To determine risk estimates for cancer as a result of prolonged occupational exposure to radiation, from both external sources and internally-deposited radioactive compounds.

Project 2.3, "Non-Cancerous Effects of Occupational Exposure to Radiation"

Objectives: To validate and analyze the data on acute and chronic effects of radiation, other than cancer, observed in a large number of workers at the MAYAK facility.

Applicants are encouraged to augment any of the projects in Directions 1 and 2.

C. Structure of Cooperative Agreements

Cooperative agreements funded under this announcement will generally have two phases. Initial funding for each new cooperative agreement will be for a phase I feasibility assessment. Up to 15 cooperative agreements may be awarded, totalling approximately \$1.5 million. Phase I may last up to one (1) year. Phase II, if warranted, will be funded through continuation awards under the same cooperative agreement. Phase II could continue up to four (4) years, renewable annually. Continuation awards for phase II, if made, will be based on the results from phase I, the availability of funds, and negotiation of the costs for phase II. Only those who participate in phase I will be eligible to participate in phase II.

Phase I

During phase I, awardees will conduct a feasibility assessment. The feasibility assessment will include a review of site-specific information and an analysis of this and other information to demonstrate the feasibility of conducting the proposed research. DOE will play an active role in facilitating awardees' access to Russian scientists as described in Section VII ("DOE's Role") below. During phase I, investigators will conduct the following tasks:

1. Establish cooperative relationships with Russian scientists and institutions;
2. Identify existing information relevant to exposure and health outcomes among target populations;
3. Determine the most significant impediments to conducting the proposed project and propose strategies to overcome them;

are encouraged to apply. Awardees for each study will need to work cooperatively with Russian scientists, and governmental and non-governmental institutions and organizations.

VII. DOE's Role

For DOE to use cooperative agreements for these studies, there must be substantial involvement between DOE and any awardee. DOE established the subject area for these projects, the core tasks for phase I and prepared this Notice of Availability. DOE will conduct the evaluation, selection, and award process for applications submitted pursuant to this Notice. If necessary, DOE will facilitate contact between phase I awardees with scientists and institutions in the Russian Federation listed in Section II ("Background"). DOE will evaluate the results of phase I and, where warranted and subject to available funding, authorize and fund phase II continuation awards. In addition, DOE will establish requirements for data collection and handling. DOE also will consult with project investigators and coordinate annual meetings. Finally, DOE will monitor and evaluate the results of the projects to determine how these studies will contribute to DOE's ongoing efforts to improve health and safety programs for its workers.

Issued in Washington, D.C., on June 10, 1997.

Paul J. Seligman,

Deputy Assistant Secretary for Health Studies.

[FR Doc. 97-15960 Filed 6-17-97; 8:45 am]

BILLING CODE 6450-01-P

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. ER97-2311-000]

Delmarva Power & Light Company; Notice of Filing

June 12, 1997.

Take notice that on May 23, 1997, Delmarva Power & Light Company tendered for an amendment in the above-referenced docket.

Any person desiring to be heard or to protest said filing should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, DC 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure (18 CFR 385.211 and 18 CFR 385.214). All such motions or protests should be filed on or before June 25,

1997. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a motion to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Lois D. Cashell,

Secretary.

[FR Doc. 97-15896 Filed 6-17-97; 8:45 am]

BILLING CODE 6717-01-M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP97-314-001]

East Tennessee Natural Gas Company; Notice of Tariff Filing

June 12, 1997.

Take notice that on June 9, 1997, East Tennessee Natural Gas Company (East Tennessee), filed Sub Original Sheet No. 66 in compliance with the Order Accepting Tariff Sheets Subject To Conditions issued by the Commission on May 28, 1997 in this proceeding (May 28 Order) requiring East Tennessee to file revised tariff provisions revising its proposed scheduling priority of pooled gas transportation. East Tennessee proposes an effective date of June 1, 1997 for the revised sheet.

East Tennessee states that the revised tariff sheet reflects the conforming change to East Tennessee's tariff which is required to comply with the Commission's directive in the May 28 Order regarding scheduling priority of pooled volumes.

East Tennessee states that copies of the filing have been mailed to all affected customers and state regulatory commissions.

Any person desiring to protest this filing should file a protest with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, DC 20426, in accordance with Section 385.211 of the Commission's Regulations. All such protests must be filed as provided in Section 154.210 of the Commission's Regulations. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to this proceeding. Copies of this filing are on file with the Commission and are available for public

inspection in the Public Reference Room.

Linwood A. Watson, Jr.

Acting Secretary.

[FR Doc. 97-15909 Filed 6-17-97; 8:45 am]

BILLING CODE 6717-01-M

DEPARTMENT OF ENERGY

Federal Energy Regulatory Commission

[Docket No. RP97-20-007]

El Paso Natural Gas Company; Notice of Compliance Filing

June 12, 1997.

Take notice that on June 9, 1997, El Paso Natural Gas Company (El Paso) tendered for filing and acceptance, pursuant to Subpart C of 154 of the Commission's Regulations Under the Natural Gas Act and in compliance with the Commission's order issued May 29, 1997 at Docket No. RP97-20-006, the following tariff sheets to its FERC Gas Tariff.

Second Revised Volume No. 1-A

Original Sheet No. 309A

Original Sheet Nos. 445-458

Sheet Nos. 459-499

El Paso states that the tariff sheets are being tendered to implement a pro forma Trading Partner Agreement for the electronic exchange of information pursuant to the Commission's directive. The tendered tariff sheets are proposed to become effective July 9, 1997.

El Paso states that copies of the filing were served upon all parties of record in this proceeding, all interstate pipeline system customers and affected state regulatory commissions.

Any person desiring to protest said filing should file a protest with the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426, in accordance with Section 385.211 of the Commission's Rules and Regulations. All such protests must be filed in accordance with Section 154.210 of the Commission's Regulations. Protests will be considered by the Commission in determining the appropriate action to be taken, but will not serve to make protestants parties to the proceeding. Copies of this filing are on file with the Commission and are available for public inspection in the Public Reference Room.

Linwood A. Watson, Jr.,

Acting Secretary.

[FR Doc. 97-15903 Filed 6-17-97; 8:45 am]

BILLING CODE 6717-01-M

Fact Sheet on the DOE Office of International Health Programs
Request for Proposals
Issued in the Federal Register on June 18, 1997

The Office of International Health Programs issued a request for proposals on June 18, 1997, to support joint Russian - American studies in the Russian Federation on low dose rate radiation health effects.

Copies of the request for proposals may be obtained from the Office of International Health Programs Home Page, at <http://www.eh.doe.gov/ihp>. A hard copy of the request for proposals is attached.

Below is a list of the Russian scientific institutes receiving funding for JCCRER projects and points of contact:

Urals Research Center for Radiation Medicine
Medgorodok
Chelyabinsk, 454076, Russia
Dr. Alexander Akleyev, Director
Tel: 011-7-3512-344-762 or 311
Fax: 011-7-3512-344-321
E-mail: akleyev@urcrm.chel.su

First Institute of Biophysics
Ozersk, 456780, Russia
Dr. Sergey Romanov, Director
Tel: 011-7-3515-131-659
Fax: 011-7-3515-133-826
E-mail: romanov@fiblgnc.chel-65.chel.su

Mayak Production Association
Lenin St., 31
Ozersk, 456780, Russia
Dr. Evgenii Drozhko, Deputy Director
Tel: 011-7-3515-155-334
Fax: 011-7-3515-133-826
E-mail: rel@envc.chel-65.chel.su

Institute of Metal Physics
Ekaterinburg, 620219, Russia
Alexander Romanyukha
Tel: 011-7-3432-444-482
Fax: 011-7-3432-745-244

St. Petersburg Radiation Hygiene Institute
Mira St., 8
St. Petersburg, 197101, Russia

Following is a list of Russian organizations serving as members of the JCCRER or the Executive Committee, and points of contact:

Ministry for Civil Defense Affairs, Emergencies, and
Elimination of Consequences of Natural Disasters (EMERCOM)
Staraya Pl., 8/5
Moscow, 103132, Russia
Lubov Anissimova, Adviser to the Minister
Tel: 011-7-095-250-6034
Fax: 011-7-095-251-5578

Federal Department of Medical-Biological and
External Problems of the Ministry of Health (MEDBIOEXTREM)
Volokolanskoeshosse. 30
Moscow, 111531, Russia
Michail Kisselev, Deputy Chief
Tel: 011-7-095-190-3234
Fax: 011-7-095-190-0725

Ministry for Atomic Energy
Ul.B. Ordynka, 24/26
Moscow, 101000, Russia
Alexander Panfilov, Head of Department
Tel: 011-7-095-231-9078
Fax: 011-7-095-231-6843

Nuclear Safety Institute
Russian Academy of Sciences
B. Tulsкая, 52
Moscow, 113191, Russia
Leonid Bolshov, Director
Tel: 011-7-095-952-2421
Fax: 011-7-095-958-0040
E-mail: bolshov@ibrae.ac.ru